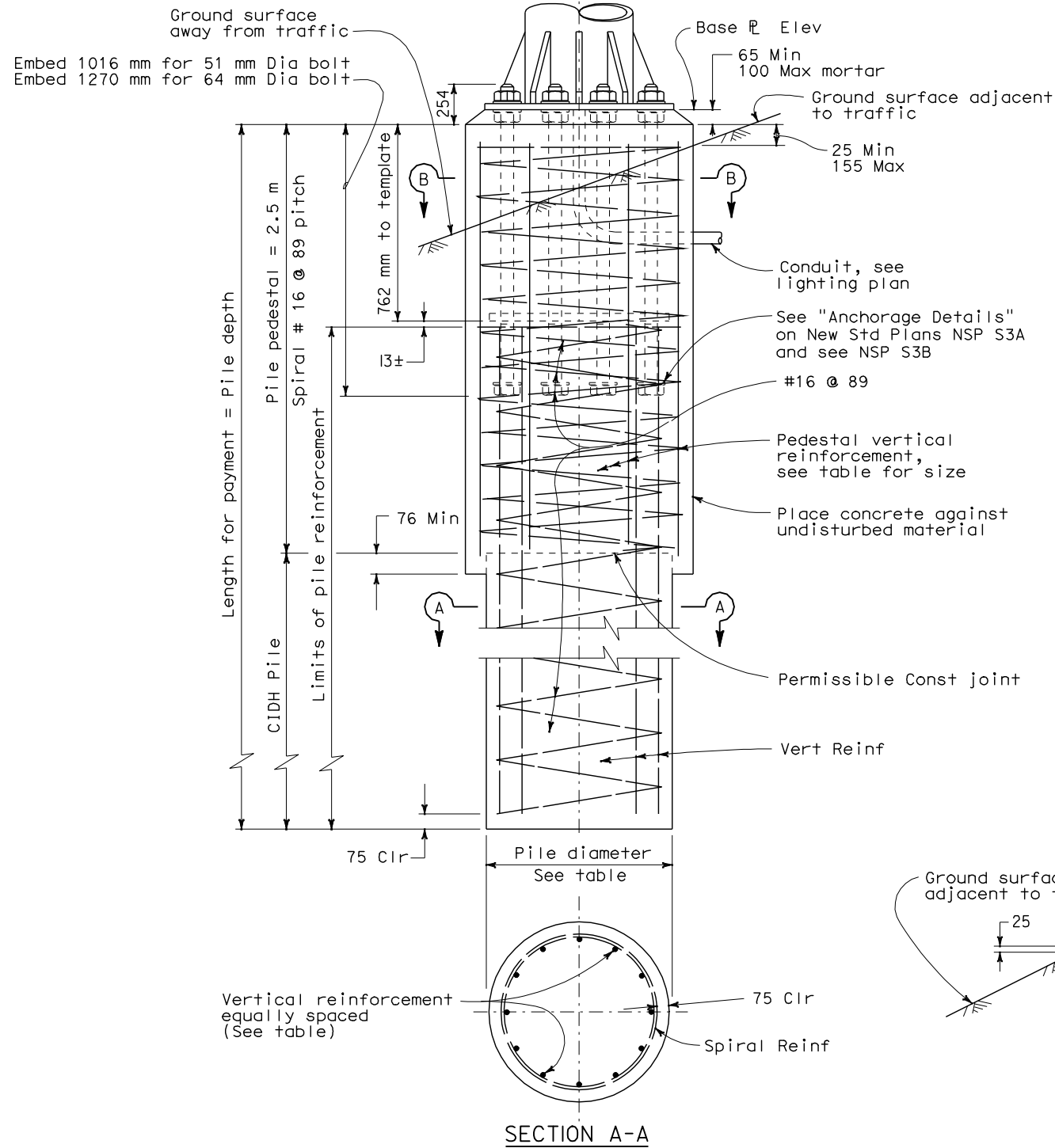
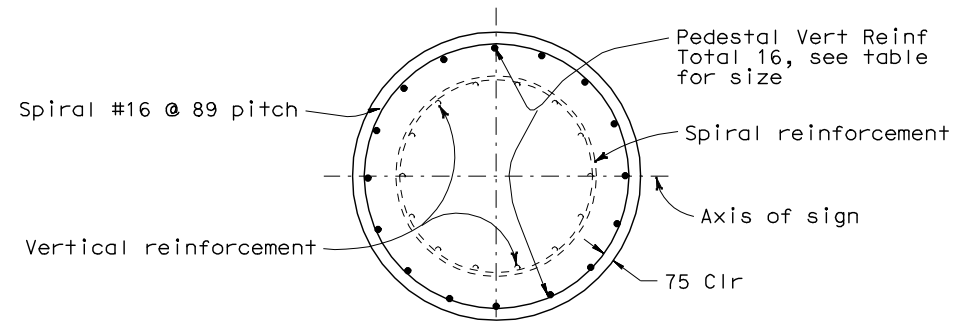


232C

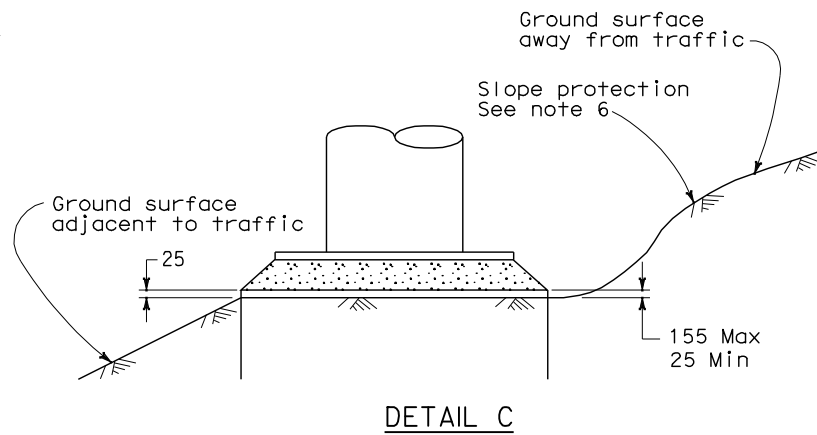


Post Type	Anchor Bolts				Round Pedestal					CIDH Pile					
	Total	Dia (mm)	BC (mm)	Total Length (mm)	Dia (mm)	Total	Bar Size	BC (mm)	Bar Size	Pitch	Pile Dia (mm)	Pile Depth (m)	Total	Bar Size	BC (mm)
I-S	12	51	711	1270	1600	16	32	1381	16	89	1372	5.5	26	32	1143
II-S	12	51	711	1270	1600	16	32	1381	16	89	1372	6	26	32	1143
III-S	12	51	787	1270	1600	16	32	1381	16	89	1372	7	26	32	1143
IV-S	14	51	864	1270	1600	16	32	1381	16	89	1372	7	26	32	1143
V-S	16	64	965	1524	1753	16	36	1533	16	89	1524	8	28	36	1295
VI-S	16	64	1041	1524	1753	16	36	1533	16	89	1524	8.5	28	36	1295
VII-S	16	64	1041	1524	1753	16	36	1533	16	89	1524	8.5	28	36	1295

\* \* Use Foundation Depth shown in table unless otherwise shown on the Project Plans.

NOTES

1. For anchor bolt layout see post sheet.
2. For "Base  $\mathbb{R}$  elevation" see Project Plans.
3. Longer side of post shall be normal to axis of sign.
4. Prior to erection of the post, backfill which is equivalent to the surrounding material, shall be in place.
5. Pedestal shall be formed 150 mm Min below ground surface. Remainder to be placed against undisturbed material.
6. Slope protection required when indicated on the Project Plans.
7. Foundation design is based on 2001 AASHTO article 13.6 Broms' approximate procedure assuming a cohesionless material. The angle of internal friction used is 30° and unit weight of soil used is 1922 kg/m<sup>3</sup>.



STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION

**OVERHEAD SIGNS-TRUSS  
TWO POST TYPE  
ROUND PEDESTAL PILE FOUNDATION**

NO SCALE

ALL DIMENSIONS ARE IN  
MILLIMETERS UNLESS OTHERWISE SHOWN

NSP S13D, NSP S13A, NSP S13B AND NSP S13C DATED DECEMBER 30, 2004  
SUPERSEDE RSP S13 DATED OCTOBER 26, 2000 AND STANDARD PLAN S13  
DATED JULY 1, 1999-PAGE 232 OF THE STANDARD PLANS BOOK DATED JULY 1999.

**NEW STANDARD PLAN NSP S13D**



DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

REGISTERED CIVIL ENGINEER

December 30, 2004  
PLANS APPROVAL DATE

The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

To get to the Caltrans web site, go to: <http://www.dot.ca.gov>

To accompany plans dated \_\_\_\_\_

**Tillat Sattar**  
No. C42892  
Exp. 03-31-06  
CIVIL  
STATE OF CALIFORNIA

1999 NEW Std PLAN NSP S13D